



PATENT
Attorney Docket No.: 16869K-102000US
Client Reference No.: 633/SM/mt

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Noboru FURUUMI et al.

Application No.: 10/722,781

Filed: November 25, 2003

For: INFORMATION PROCESSING
SYSTEM, STORAGE SYSTEM,
STORAGE DEVICE CONTROL
APPARATUS AND PROGRAM

Confirmation No.: 7247

Examiner: K. M. Patel

Art Unit: 2188

**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER
37 CFR §1.97 and §1.98**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A are being called to the attention of the Examiner. Copies of the cited foreign patent references are enclosed.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed before the mailing date of the final Office Action or
Notice of Allowance.

Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please
deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	16869K-102000US
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Complete if Known

Application Number	10/722,781
Filing Date	November 25, 2003
First Named Inventor	Noboru Furuumi
Art Unit	2188
Examiner Name	K. M. Patel

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-6,697,960	02-24-2004	Clark et al.	
	2	US-6,665,812	12-16-2003	Blumenau et al.	
	3	US-6,658,540	12-02-2003	Sicola et al.	
	4	US-6,304,980	10-16-2001	Beardsley	
	5	US-6,219,753	04-17-2001	Richardson	
	6	US-6,000,020	12-07-1999	Chin et al.	
	7	US-5,960,216	09-28-1999	Vishlitzky et al.	
	8	US-5,901,327	05-04-1999	Ofek	
	9	US-5,889,935	03-30-1999	Ofek et al.	
	10	US-5,845,295	12-01-1998	Houseman et al.	
	11	US-5,742,792	04-21-1998	Yanai et al.	
	12	US-5,649,152	07-15-1997	Ohran et al.	
	13	US-5,544,347	08-06-1996	Yanai et al.	
	14	US-5,051,887	09-24-1991	Berger et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	15	JP	11-272427		10-08-1999	Hitachi Ltd.		abstract only
	16	JP	10-283121		10-23-1998	Mitsubishi Electric		abstract only
	17	JP	09-101912		04-15-1997	Mitsubishi Electric		abstract only
	18	JP	09-050394		02-18-1997	Fuji Facom Corp.		abstract only
	19	JP	08-234916		09-13-1996	Hitachi Ltd.		abstract only
	20	JP	08-212142		08-20-1996	NEC Corp.		abstract only
	21	JP	07-239759		09-12-1995	Sumitomo Electric		abstract only
	22	JP	07-200191		08-04-1995	Fujitsu Ltd.		abstract only
	23	JP	07-093101		04-07-1995	Kawasaki Steel		abstract only
	24	JP	06-309209		11-04-1994	Hitachi Ltd.		abstract only
	25	JP	06-290002		10-18-1994	Sony Corp.		abstract only
	26	JP	06-236340		08-23-1994	Hitachi Ltd.		abstract only

Examiner Signature	Date Considered
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ³ Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

60788045 v1

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Sheet 2		of 2	Application Number	10/722,781	
			Filing Date	November 25, 2003	
			First Named Inventor	Noboru Furuumi	
			Art Unit	2188	
			Examiner Name	K. M. Patel	
			Attorney Docket Number	16869K-102000US	

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
	27	JP	06-168080		06-14-1994	Sanyo Electric	
	28	JP	06-139027		05-20-1994	Hitachi Ltd.	
	29	JP	06-004223		01-14-1994	Nippon Denki Joho	
	30	JP	05-120110		05-18-1993	Hitachi Ltd.	
	31	JP	05-081147		04-02-1993	Hitachi Ltd.	
	32	JP	04-311219		11-04-1992	NEC Corp.	
	33	JP	04-311218		11-04-1992	Toshiba Corp.	

Examiner Signature		Date Considered	
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